(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



. I DERIK BUNDER IK DERIKE HERI BERKERUNKAN BERKERUNKAN BERKERUNKAN BERKERUNKAN BERKERUNKAN DERIK HERE HIK HER

(43) International Publication Date 24 December 2003 (24.12.2003)

PCT

(10) International Publication Number WO 2003/107290 A3

(51) International Patent Classification⁷: G06F 19/00

(21) International Application Number:

PCT/IB2003/002208

(22) International Filing Date: 10 June 2003 (10.06.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 102 26 212.8

13 June 2002 (13.06.2002) DE

- (71) Applicant (for DE only): PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).
- (71) Applicant (for all designated States except DE, US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SEHER, Jens-Peter [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). PROSS,

Gerhard [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

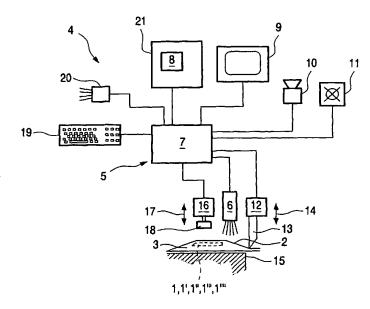
- (74) Agent: MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

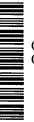
with international search report

[Continued on next page]

(54) Title: TEST SYSTEM FOR DETERMINING SUITABILITY OF CONSUMABLE ITEM



(57) Abstract: The present invention relates to an aptitude test system (4) which includes at least one object (1) which is provided with a data carrier (2) on which data associated with the object (1) is stored, as well as a test device (5) which includes a reading apparatus (6) whereby the data of the data carrier (2) can be transferred to a computer (7). The data includes aptitude data which characterizes at least one permissible application for the associated object (1). The computer (7) has access to current application data which characterizes a concrete application intended for the relevant object (1). For aptitude testing of the relevant object (1) the computer evaluates the aptitude data thereof and the actual application data. The computer (7) outputs a release signal when the object (1) is suitable for the intended application.





WO 2003/107290 A3



before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:

22 July 2004

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \ G06F$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, BIOSIS

1		
Х	US 5 989 917 A (MOERMAN PIET H C ET AL) 23 November 1999 (1999-11-23) column 1, line 44 - line 65 column 3, line 9 - line 14 column 3, line 30 - line 39 column 3, line 66 - column 4, line 43	1-11
X	US 5 489 414 A (KUHR HANS-JUERGEN ET AL) 6 February 1996 (1996-02-06) abstract column 1, line 11 - line 16 column 4, line 58 - column 5, line 12	1-11

χ Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
Special categories of cited documents: A" document defining the general state of the art which is not considered to be of particular relevance E" earlier document but published on or after the international filing date L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O" document referring to an oral disclosure, use, exhibition or other means P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 6 May 2004	Date of mailing of the international search report 18/05/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Sisk, A

INTERNATIONAL EARCH REPORT

Int Polication No PCT/IB 03/02208

		FC1/18 U3/U22U8		
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	US 6 295 506 B1 (OKKONEN HARRI ET AL) 25 September 2001 (2001-09-25) column 1, line 66 - column 2, line 28 column 2, line 59 - line 67 column 3, line 22 - line 28 column 4, line 18 - line 22 column 5, line 24 - line 31	1-11		
X	CA 2 306 674 A (DEAN SHARRON) 26 October 2001 (2001-10-26) page 3, line 1 - line 6 page 3, line 14 - line 18 page 6, line 14 - line 24 page 7, line 16 - line 23 page 8, line 1 - line 8	T-11		
X	US 5 126 935 A (SAITOU TAKESHI ET AL) 30 June 1992 (1992-06-30) abstract column 1, line 58 - column 2, line 16 column 7, line 61 - column 8, line 3	1-11		
X	US 6 036 458 A (KADZIAUSKAS KENNETH E ET AL) 14 March 2000 (2000-03-14) abstract column 2, line 14 - line 25 column 4, line 16 - line 33 column 5, line 5 - line 20	111		

INTERNATIONAL SEARCH REPORT

Int Chal Application No
PCT/IB 03/02208

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5989917	A	23-11-1999	AT	215402 T		15-04-2002
00 0505527	• •	20 21 2707	AU	712812 B		18-11-1999
			AÜ	2269397 A		02-09-1997
			CA		\ 1	21-08-1997
			DE)1	08-05-2002
			DE		72	13-02-2003
					Γ3	
			DK			01-07-2002
			EΡ		\2	24-07-2002
			EP		\ <u>1</u>	02-12-1998
			ES		Γ3	16-11-2002
			PT	880407 1		30-09-2002
			WO	9729847 <i>F</i>	A1	21-08-1997
US 5489414	A	06-02-1996	DE	4313252 <i>H</i>	41	27-10-1994
			DE	4328816 <i>F</i>	41	02-03-1995
			ΑT	186232		15-11-1999
			DE	59408870		09-12-1999
			DE		01	11-04-2002
			DK		T3	10-04-2000
			EP	1130383		05-09-2001
			ËP		A1	02-11-1994
						02-11-1994
			EP		A2	
		•	ES		T3	16-02-2000
			JP		B2	26-03-1997
			JP		A	04-11-1994
			JP		B2	25-06-1998
			JP		A	08-11-1994
			US	5645798 <i>i</i>	A	08-07-1997
			US	5720924	Α	24-02-1998
			US	5863800	A	26-01-1999
US 6295506	B1	25-09-2001	FI	974065	 A	28-04-1999
- · · · · · · · ·			AU	9349498	Α	17-05-1999
			EP	1029240		23-08-2000
			WO	9922236		06-05-1999
			JP		T	06-11-2001
CA 2306674	A	26-10-2001	CA	2306674	A1	26-10-2001
US 5126935	Α	30-06-1992	JP	2130698	Α	18-05-1990
US 6036458	A	14-03-2000	EP	1019113	 A1	19-07-2000
			JP	2003517322		27-05-2003
			WO	9917818		15-04-1999